

Poliovirus Surveillance in the Americas

**Table No. 1
Status of Case Stool Sample Analysis
Last 52 Weeks (2001/34- 2002/33)**

| Lab. | Country | Total* | WITHOUT RESULTS | | | ENTEROVIRUS ISOLATION | | | | | |
|-------|---------|--------|-----------------|----------|----------|-----------------------|----------|-------------------|---------|--------------------|------|
| | | | Not yet in Lab. | <6 weeks | >6 Weeks | % Isolation | Negative | Other Enterovirus | Pending | Poliovirus Vaccine | Wild |
| BEL | BRA | 106 | 21 | 0 | 5 | 8.8 | 73 | 7 | 0 | 0 | 0 |
| CAR | DOR | 24 | 0 | 0 | 0 | 29.2 | 17 | 6 | 0 | 1 | 0 |
| | GUY | 2 | 0 | 0 | 0 | 0.0 | 2 | 0 | 0 | 0 | 0 |
| | HAI | 13 | 0 | 0 | 0 | 15.4 | 11 | 1 | 0 | 1 | 0 |
| | HON | 75 | 7 | 1 | 0 | 26.9 | 49 | 15 | 0 | 3 | 0 |
| | JAM | 8 | 0 | 0 | 0 | 0.0 | 8 | 0 | 0 | 0 | 0 |
| | SUR | 2 | 0 | 0 | 0 | 0.0 | 2 | 0 | 0 | 0 | 0 |
| | TRT | 5 | 0 | 0 | 0 | 20.0 | 4 | 0 | 1 | 0 | 0 |
| CDC | BOL | 2 | 0 | 0 | 0 | 0.0 | 2 | 0 | 0 | 0 | 0 |
| FIO | BOL | 4 | 0 | 0 | 0 | 0.0 | 4 | 0 | 0 | 0 | 0 |
| | BRA | 211 | 63 | 1 | 11 | 16.9 | 113 | 22 | 0 | 1 | 0 |
| | PER | 80 | 2 | 0 | 16 | 12.9 | 54 | 8 | 0 | 0 | 0 |
| INC | COR | 4 | 0 | 0 | 0 | 0.0 | 4 | 0 | 0 | 0 | 0 |
| | ELS | 77 | 1 | 0 | 0 | 14.5 | 65 | 11 | 0 | 0 | 0 |
| | GUT | 66 | 0 | 8 | 1 | 1.8 | 56 | 1 | 0 | 0 | 0 |
| | NIC | 24 | 7 | 0 | 0 | 5.9 | 16 | 1 | 0 | 0 | 0 |
| | PAN | 3 | 0 | 0 | 0 | 0.0 | 3 | 0 | 0 | 0 | 0 |
| INDRE | MEX | 259 | 0 | 14 | 11 | 26.5 | 172 | 58 | 0 | 4 | 0 |
| INH | VEN | 98 | 3 | 0 | 0 | 6.3 | 89 | 6 | 0 | 0 | 0 |
| INS | COL | 114 | 4 | 12 | 4 | 6.4 | 88 | 6 | 0 | 0 | 0 |
| | ECU | 24 | 0 | 0 | 0 | 16.7 | 20 | 4 | 0 | 0 | 0 |
| ISP | CHI | 62 | 0 | 2 | 0 | 6.7 | 56 | 3 | 0 | 1 | 0 |
| MAL | ARG | 94 | 0 | 9 | 0 | 21.2 | 67 | 17 | 0 | 1 | 0 |
| | BOL | 45 | 3 | 0 | 0 | 14.3 | 36 | 6 | 0 | 0 | 0 |
| | CHI | 18 | 0 | 0 | 0 | 27.8 | 13 | 5 | 0 | 0 | 0 |
| | PAR | 18 | 0 | 0 | 2 | 37.5 | 10 | 4 | 0 | 2 | 0 |
| | URU | 4 | 0 | 0 | 0 | 50.0 | 2 | 2 | 0 | 0 | 0 |
| REC | BRA | 138 | 19 | 0 | 24 | 6.3 | 89 | 6 | 0 | 0 | 0 |
| TOTAL | | 1581 | 130 | 47 | 74 | 15.3 | 1126 | 189 | 1 | 14 | 0 |

* Each sample relates to an individual

Case samples only

**Table No. 2
Status of Poliovirus Pending Intratypic Differentiation
Last 52 Weeks (2001/34 - 2002/33)**

| LAB | COUNTRY | POLIOVIRUS | | | | | | | | | | | | TOTAL | |
|-------|---------|----------------|----|----|-----|------------------|----|----|-----|------------------|----|----|-----|-------|---|
| | | NOT YET IN LAB | | | | IN LAB < 4 Weeks | | | | IN LAB > 4 Weeks | | | | | |
| | | P1 | P2 | P3 | MIX | P1 | P2 | P3 | MIX | P1 | P2 | P3 | MIX | | |
| CAR | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| TOTAL | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

Case samples only



Acute Flaccid Paralysis Surveillance

Vol. 17, No. 33

Table No. 1
CASES OF ACUTE FLACCID PARALYSIS UNDER INVESTIGATION
BY WEEK OF REPORT

| SITE | TOTAL | CUM. | Week | | | | | | | | | | | | |
|-------|-------|------|------|------|-----|-----|------|-------|-------|-------|-------|----|----|----|----|
| | | | 2001 | 2002 | 1-4 | 5-8 | 9-12 | 13-16 | 17-20 | 21-24 | 25-28 | 29 | 30 | 31 | 32 |
| ARG | 0 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | |
| BOL | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | |
| BRA | 0 | 131 | 1 | 1 | 9 | 18 | 27 | 30 | 28 | 4 | 6 | 3 | 4 | 0 | |
| CAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CAR | 0 | 6 | 0 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | |
| CHI | 0 | 23 | 0 | 1 | 0 | 0 | 1 | 9 | 8 | 1 | 1 | 1 | 1 | 0 | |
| COL | 0 | 30 | 0 | 1 | 3 | 1 | 3 | 8 | 8 | 5 | 1 | 0 | 0 | 0 | |
| COR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CUB | 0 | 11 | 2 | 4 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DOR | 0 | 12 | 0 | 0 | 0 | 2 | 2 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | |
| ECU | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | |
| ELS | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 2 | 2 | |
| GUT | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 3 | 2 | |
| HAI | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | |
| HON | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 2 | 1 | 1 | |
| MEX | 0 | 94 | 5 | 6 | 10 | 6 | 7 | 10 | 24 | 6 | 6 | 6 | 8 | 0 | |
| NIC | 0 | 11 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 1 | 0 | 1 | 1 | 0 | |
| PAN | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | |
| PAR | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | |
| PER | 0 | 23 | 0 | 2 | 1 | 2 | 7 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | |
| URU | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| USA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| VEN | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | |
| TOTAL | 0 | 401 | 9 | 15 | 24 | 33 | 54 | 73 | 96 | 21 | 22 | 22 | 24 | 8 | |

Table No.2
CASES OF AFP REPORTED, RATE PER 100,000 <15 yrs.,
% INVESTIGATED WITHIN 48 hrs., % WITH 1 ADEQUATE
SAMPLE AND % OF SITES REPORTING WEEKLY

| SITE | Total 2001 | | Last 52 weeks (2001/34-2002/33) | | | | |
|--------|------------|------|---------------------------------|------|-----------------|-------------|--------------------|
| | CASES | RATE | CASES | RATE | % INV. <48 hrs. | %1 Sam-ple+ | % Sites Report ing |
| ARG | 141 | 0.95 | 106 | 0.72 | 93 | 66 | 99 |
| BOL | 44 | 1.33 | 51 | 1.55 | 94 | 76 | 98 |
| BRA | 679 | 1.29 | 508 | 0.97 | 98 | 73 | 90 |
| CAN | NR | NR | NR | NR | NR | NR | NR |
| CAR | 18 | 0.63 | 20 | 0.70 | 85 | 55 | 100 |
| CHI | 86 | 1.43 | 87 | 1.45 | 90 | 86 | 92 |
| COL | 152 | 1.08 | 124 | 0.88 | 74 | 79 | 83 |
| COR | 16 | 0.99 | 5 | 0.31 | 100 | 80 | NR |
| CUB | 17 | 0.38 | 18 | 0.40 | 94 | 100 | 98 |
| DOR | 75 | 2.19 | 38 | 1.11 | 97 | 71 | NR |
| ECU | 29 | 0.68 | 29 | 0.68 | 72 | 93 | 85 |
| ELS | 77 | 3.45 | 89 | 3.98 | 79 | 93 | 57 |
| GUT | 94 | 2.06 | 66 | 1.45 | 83 | 91 | 52 |
| HAI | 31 | 1.03 | 17 | 0.57 | 71 | 41 | NR |
| HON | 61 | 2.39 | 76 | 2.98 | 91 | 87 | 90 |
| MEX | 400 | 1.00 | 302 | 0.76 | 90 | 77 | 97 |
| NIC | 27 | 1.25 | 30 | 1.39 | 97 | 100 | 100 |
| PAN | 9 | 0.99 | 4 | 0.44 | 100 | 75 | 78 |
| PAR | 21 | 0.94 | 20 | 0.90 | 65 | 55 | 86 |
| PER | 98 | 1.14 | 85 | 0.99 | 92 | 95 | 74 |
| URU | 18 | 2.28 | 12 | 1.52 | 100 | 83 | 76 |
| USA | NR | NR | NR | NR | NR | NR | NR |
| VEN | 104 | 1.26 | 99 | 1.20 | 93 | 88 | 92 |
| Total♦ | 2197 | 1.20 | 1786 | 0.98 | 91 | 79 | 90 |

Table No. 3
CONFIRMED POLIO CASES
BY WEEK OF ONSET

| SITE | TOTAL 2001 | Cumulative | |
|-------|------------|------------|------|
| | | 2001 | 2002 |
| ARG | 0 | 0 | 0 |
| BOL | 0 | 0 | 0 |
| BRA | 0 | 0 | 0 |
| CAN | 0 | 0 | 0 |
| CAR | 0 | 0 | 0 |
| CHI | 0 | 0 | 0 |
| COL | 0 | 0 | 0 |
| COR | 0 | 0 | 0 |
| CUB | 0 | 0 | 0 |
| DOR | 3* | 3* | 0 |
| ECU | 0 | 0 | 0 |
| ELS | 0 | 0 | 0 |
| GUT | 0 | 0 | 0 |
| HAI | 7* | 7* | 0 |
| HON | 0 | 0 | 0 |
| MEX | 0 | 0 | 0 |
| NIC | 0 | 0 | 0 |
| PAN | 0 | 0 | 0 |
| PAR | 0 | 0 | 0 |
| PER | 0 | 0 | 0 |
| URU | 0 | 0 | 0 |
| USA | 0 | 0 | 0 |
| VEN | 0 | 0 | 0 |
| Total | 10* | 10* | 0 |

CAR Includes reports from all CAREC member countries
* Type 1 vaccine derived virus

Table No. 4
POLIO COMPATIBLE CASES
BY WEEK OF ONSET

| SITE | TOTAL 2001 | Cumulative | |
|-------|------------|------------|------|
| | | 2001 | 2002 |
| ARG | 0 | 0 | 0 |
| BOL | 0 | 0 | 0 |
| BRA | 6 | 4 | 0 |
| CAN | 0 | 0 | 0 |
| CAR | 0 | 0 | 0 |
| CHI | 0 | 0 | 0 |
| COL | 0 | 0 | 0 |
| COR | 0 | 0 | 0 |
| CUB | 0 | 0 | 0 |
| DOR | 2 | 1 | 0 |
| ECU | 0 | 0 | 0 |
| ELS | 0 | 0 | 0 |
| GUT | 1 | 1 | 0 |
| HAI | 3 | 3 | 0 |
| HON | 0 | 0 | 0 |
| MEX | 0 | 0 | 0 |
| NIC | 0 | 0 | 0 |
| PAN | 0 | 0 | 0 |
| PAR | 0 | 0 | 0 |
| PER | 0 | 0 | 0 |
| URU | 0 | 0 | 0 |
| USA | 0 | 0 | 0 |
| VEN | 0 | 0 | 0 |
| Total | 12 | 9 | 0 |

CAR Includes reports from all CAREC member countries

+ Taken within 14 days of onset of paralysis
♦ Excluding Canada and USA

NR - No reporting

POLIO HAS BEEN ERADICATED FROM THE AMERICAS
The last wild poliovirus was detected on September 5 1991, in Peru

Issues of polio surveillance bulletin can be accessed at:
<http://www.paho.org> (search: "polio weekly")